

PLAN VIEW

### SECTION VIEW

NOTES:

1. ROAD MUST BE PARALLEL TO THE CONTOURS OF THE SLOPE.
2. ONLY RUNOFF FROM ADJACENT ROAD SURFACE AND SHOULDERS BE DIRECTED TO BUFFER.
3. RUNOFF SLOPE NOT ALLOWED ON SLOPES IN EXCESS OF 20%.
4. RUNOFF MUST ENTER BUFFER AS SHEET FLOW.
5. IF BUFFER IS USED TO TRAP SEDIMENT DURING CONSTRUCTION, SEDIMENT MUST BE REMOVED AND ORIGINAL TOPOGRAPHY, GROUND WATER AND VEGETATION RESTORED TO PRE-CONSTRUCTION CONDITIONS. PROTECT BUFFER STRIP WITH WOOD WASTE BERM, SEDIMENTATION BARRIERS OR SILT FENCE DURING THE CONSTRUCTION PROCESS.

REQUIRED BUFFER FLOW PATH DOWNHILL SIDE OF ROAD TABLE		
	LENGTH OF FLOW PATH FOR A FORESTED BUFFER	LENGTH OF FLOW PATH FOR A MEADOW BUFFER
1 TRAVEL LANE DRAINING TO BUFFER	35 FEET	50 FEET
2 TRAVEL LANES DRAINING TO BUFFER	55 FEET	80 FEET

BUFFER ADJACENT TO THE  
DOWNHILL SIDE OF A ROAD DETAIL  
NOT TO SCALE

PLAN VIEW

SECTION A-A

NOTES:

1. ONLY RUNOFF FROM ADJACENT ROAD SURFACE AND SHOULDERS BE DIRECTED TO BUFFER.
2. BUFFER SLOPES NOT ALLOWED ON SLOPES IN EXCESS OF 15%.
3. NO MORE THAN 400 FEET OF ROAD AND DITCH MAY BE TREATED IN ANY ONE DITCH TURN-OUT BUFFER, AND NO MORE THAN 250 FEET MAY BE TREATED IF MORE THAN ONE TRAVEL LANE IS DRAINING TO THE DITCH.
4. THE TURNOUT SHOULD EXTEND INTO THE SIDE DITCH OR CUT SLOPE TO INTERCEPT THE DITCH RUNOFF AND CARRIES IT INTO THE BUFFER AREA.
5. THE STONE BENCH MUST BE AT LEAST 20 FEET IN LENGTH AND CONSTRUCTED ALONG THE CONTOUR. IT MUST BE AT LEAST ONE FOOT HIGH AND TWO FEET ACROSS THE TOP WITH 2:1 SIDE SLOPES. THE STONE MUST CONSIST OF SOUND DURABLE ROCK THAT WILL NOT DISINTEGRATE BY EXPOSURE TO WATER OR WEATHER. FIELDSTONE, ROUGH QUARRIED STONE, BLASTED LEDGE OR TALINGS MAY BE USED. THE ROCK MUST BE WELL GRADES WITH A MEDIUM SIZE OF APPROXIMATELY 3 INCHES AND A MAXIMUM SIZE OF 6 INCHES.

TYPICAL DITCH TURNOUT BUFFER DETAIL  
NOT TO SCALE



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### Consultants

### Legend

### Notes

1. REFER TO SHEET C-001 FOR EXISTING AND PROPOSED LEGENDS.
2. REFER TO SHEETS C-501 THROUGH C-508 FOR TYPICAL DETAILS.
3. REFER TO SHEETS C-618-S AND C-613-N FOR CULVERT, DITCH TURNOUT, LEVEL SPREADER AND FINAL LOCATION OF 16' WIDE ACCESS ROAD TABLES.
4. REFER TO THE 600 SERIES PLANS FOR THE LOCATIONS OF STONE LINED SWALES, DITCH TURNOUTS AND LEVEL SPREADERS.

**DEP SUBMISSION**  
**NOT FOR CONSTRUCTION**  
**SEPTEMBER 5, 2008**

[illegible]

File Name: 00147-c505.dwg	BVD	GK/PC	BVD	08.08.2017
	Dwn.	Chkd.	Dsgn.	YY.MM.II

Permit-Seal

**Client/Project****EVERGREEN WIND POWER III, LLC**

## ROLLINS WIND PROJECT (ROLLINS)

**LINCOLN, BURLINGTON, LEE, WINN AND MATTAWAMKEAG  
PENOBSCOT COUNTY, MAINE**

## Title

## STORMWATER MANAGEMENT DETAILS

Project No. <b>19500147</b>	Scale <b>AS NOTED</b>	
Drawing No. <b>C-505</b>	Sheet <b>59 of 93</b>	Revision <b>0</b>